

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (previously presented) A planetary gear transmission unit comprises sun, planet and ring gears and a planet carrier, said planet carrier having circumferentially spaced studs which support a planet bogie plate, the planet bogie plate providing support for circumferentially spaced shafts, which support and locate circumferentially spaced planet gear bearings on which planet gears are mounted, and at least some of said planet gear bearings being taper roller bearings.

2. (currently amended) A gear transmission unit according to claim 1, wherein said planet gears are arranged in axially aligned pairs.

3. (original) A gear transmission unit according to claim 2, wherein the bearings support respective pairs of aligned planet gears.

4. (original) A gear transmission unit according to claim 3, wherein two gears of each pair are positioned at opposite sides of the plate.

5. (previously presented) A gear transmission unit according to claim 1, wherein each planet gear of a pair is mounted on a pair of tapered roller bearings.

6. (previously presented) A gear transmission unit according to claim 1 and comprising a pair of tapered roller bearings arranged in an O configuration.

7. (previously presented) A gear transmission unit according to claim 1, wherein the bearings for each circumferentially spaced planet gear position are supported on a shaft which, in use, self adjusts in said angular position relative to the bogie plate.

8. (previously presented) A gear transmission unit according to claim 1, wherein the bearings for at least some circumferentially spaced planet gear positions are supported on a shaft which is substantially, rigidly secured to the bogie plate.

9. (original) A gear transmission unit according to claim 8, wherein each said shaft is substantially rigidly secured to the bogie plate.

10. (previously presented) A gear transmission unit according to claim 7, wherein the bogie plate is able to deform

elastically to allow self adjustment of the angular position of the or each shaft relative to the axis of rotation of the ring gear.

11. (previously presented) A gear transmission unit according to claim 1, wherein a main bearing comprises an inner ring bearing surface of a diameter greater than that of the toothed surface of the ring gear.

12. (previously presented) A gear transmission unit according to claim 1 wherein the planet carrier provides a radially extending torque transmissions path which is torsionally stiff but relatively compliant in an axial direction parallel with the axis about which the rotational forces act.

13. (previously presented) A gear transmission unit according to claim 1, wherein the planet gears are supported relative to the bogie plate by a flexpin shaft.

14. (canceled)

15. (previously presented) A gear transmission unit according to claim 8, wherein the bogie plate is able to deform elastically to allow self adjustment of the angular position of the or each shaft relative to the axis of rotation of the ring gear.

16. (previously presented) A gear transmission unit according to claim 9, wherein the bogie plate is able to deform elastically to allow self adjustment of the angular position of the or each shaft relative to the axis of rotation of the ring gear.